

input_image	input:	[(None, 160, 160, 3)]
InputLayer	output:	[(None, 160, 160, 3)]



conv1	input:	(None, 160, 160, 3)
Conv2D	output:	(None, 78, 78, 32)



bn1	input:	(None, 78, 78, 32)
BatchNormalization	output:	(None, 78, 78, 32)



relu1	input:	(None, 78, 78, 32)
Activation	output:	(None, 78, 78, 32)



conv2	input:	(None, 78, 78, 32)
Conv2D	output:	(None, 76, 76, 32)



bn2	input:	(None, 76, 76, 32)
BatchNormalization	output:	(None, 76, 76, 32)



relu2	input:	(None, 76, 76, 32)
Activation	output:	(None, 76, 76, 32)



conv3	input:	(None, 76, 76, 32)
Conv2D	output:	(None, 37, 37, 64)



bn3	input:	(None, 37, 37, 64)
BatchNormalization	output:	(None, 37, 37, 64)



relu3	input:	(None, 37, 37, 64)
Activation	output:	(None, 37, 37, 64)



conv4	input:	(None, 37, 37, 64)
Conv2D	output:	(None, 35, 35, 64)



bn4	input:	(None, 35, 35, 64)
BatchNormalization	output:	(None, 35, 35, 64)



relu4	input:	(None, 35, 35, 64)
Activation	output:	(None, 35, 35, 64)



conv5	input:	(None, 35, 35, 64)
Conv2D	output:	(None, 17, 17, 128)



bn5	input:	(None, 17, 17, 128)
BatchNormalization	output:	(None, 17, 17, 128)



relu5	input:	(None, 17, 17, 128)
Activation	output:	(None, 17, 17, 128)



dropout5	input:	(None, 17, 17, 128)
Dropout	output:	(None, 17, 17, 128)



conv6	input:	(None, 17, 17, 128)
Conv2D	output:	(None, 15, 15, 128)



bn6	input:	(None, 15, 15, 128)
BatchNormalization	output:	(None, 15, 15, 128)



relu6	input:	(None, 15, 15, 128)
Activation	output:	(None, 15, 15, 128)



conv7	input:	(None, 15, 15, 128)
Conv2D	output:	(None, 13, 13, 256)



bn7	input:	(None, 13, 13, 256)
BatchNormalization	output:	(None, 13, 13, 256)



relu7	input:	(None, 13, 13, 256)
Activation	output:	(None, 13, 13, 256)



conv8	input:	(None, 13, 13, 256)
Conv2D	output:	(None, 11, 11, 256)



bn8	input:	(None, 11, 11, 256)
BatchNormalization	output:	(None, 11, 11, 256)



relu8	input:	(None, 11, 11, 256)
Activation	output:	(None, 11, 11, 256)



flatten	input:	(None, 11, 11, 256)
Flatten	output:	(None, 30976)



fc1	input:	(None, 30976)
Dense	output:	(None, 512)



dropout9	input:	(None, 512)
Dropout	output:	(None, 512)



fc2	input:	(None, 512)
Dense	output:	(None, 512)



dropout10	input:	(None, 512)
Dropout	output:	(None, 512)



fc3	input:	(None, 512)
Dense	output:	(None, 256)



fc4	input:	(None, 256)
Dense	output:	(None, 1)